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USDOC FOR 532/OEA/MHAMES/LRITTER  
USDOC FOR 3150/USFCS/OIO/CEENIS/MCOSTA  
USDOC FOR 532/OEE/MO'BRIEN

E.O. 12958: N/A

TAGS: [BEXP](#) [ETRD](#) [ETTC](#) [RS](#)

SUBJECT: EXTRANCHECK: POST-SHIPMENT VERIFICATION:  
RUSSIAN ACADEMY OF SCIENCES (RAS) INSTITUTE OF SOLID  
STATE PHYSICS, CHERNOGOLOVKA, MOSCOW, RUSSIA, LICENSE  
NO. D358874

REFTEL: USDOC 00114

[¶1.](#) Unauthorized disclosure of the information provided below is prohibited by Section 12C of the Export Administration Act.

[¶2.](#) Reftel requested a Post-shipment verification to determine the legitimacy and reliability of the end-user, RAS Institute of Solid Physics, Chernogolovka, Moscow, Russia. The company is listed on BIS license application D358874 as the ultimate consignee of two millimeter source model E8257DS08 and E8257DS12. These items are controlled for national security and anti-terrorism reasons under ECCN 3A002. The licensee is Agilent Technologies, Inc., 1666 K st., N.W. Suite 420, Washington DC. 20006.

[¶3.](#) On January 18, 2008, Export Control Attache Peter Liston and LES Natalya Shipitsina conducted the requested post-shipment verification with RAS Institute of Solid Physics, Institutsky pr., 15, Chernogolovka, Moscow, Russia. The export control team met with Vladimir Kulakovsky, Deputy General Director and Alexander Levchenko, Deputy Director. ECO Liston discussed the license conditions with Kulakovsky and Levchenko, as mention in reftel.

[¶4.](#) The Institute of Solid State Physics (ISSP) was organized in 15 February, 1963 by the USSR Academy of Sciences in order to realize an optimal combination and interplay of fundamental studies in condensed matter physics and materials science. ISSP is one of the leading institutions in the Russian Academy of Sciences. The Institute is the base for a number of departments of Moscow State University, the Moscow Physical-Technical Institute, and the Moscow Institute of Steel and Alloys. Students from many other Russian institutions of higher education obtain practical research experience at the Institute.

[¶5.](#) The devices in reftel are used to study a microwave response from semiconductor hetro-structures with two-dimensional (2D) electron systems in a high magnetic field at liquid helium temperatures, all within the field of fundamental research of Solid State Physics.

[¶6.](#) The ECO Moscow team was shown two (2) millimeter source MOD, model no.'s E8257DS08 and E8257DS12, located in a secure lab with limited access.

17. ECO Moscow made a previous PSV visit to RAS/ISSP on May 11, 2007 (Moscow 02685) for verification of a 90GHZ to 140GHZ millimeter source module, model no S08MS-AG with serial no. 60821-1 and a 60GHZ to 90GHZ millimeter source module, model S12MS-AG, serial number 61002-1. The current ECO Moscow team again verified both units on January 18, 2008.

18. Recommendations: Post recommends RAS Institute of Solid Physics, Chernogolovka, Russia as a reliable recipient of sensitive U.S. origin commodities.

(FCS MOSCOW/SBOZEK/PLISTON)  
BURNS